

RRRRRRRR	PPPPPPPP	GGGGGGGG	EEEEEEEEE	RRRRRRRR	RRRRRRRR	000000	RRRRRRRR
RRRRRRRR	PPPPPPPP	GGGGGGGG	EEEEEEEEE	RRRRRRRR	RRRRRRRR	000000	RRRRRRRR
RR RR	PP PP	GG	EE	RR RR	RR RR	00	RR RR
RR RR	PP PP	GG	EE	RR RR	RR RR	00	RR RR
RR RR	PP PP	GG	EE	RR RR	RR RR	00	RR RR
RR RR	PP PP	GG	EE	RR RR	RR RR	00	RR RR
RRRRRRRR	PPPPPPPP	GG	EEEEEEEEE	RRRRRRRR	RRRRRRRR	00	RRRRRRRR
RRRRRRRR	PPPPPPPP	GG	EEEEEEEEE	RRRRRRRR	RRRRRRRR	00	RRRRRRRR
RR RR	PP	GG	GGGGGG	EE	RR RR	00	RR RR
RR RR	PP	GG	GGGGGG	EE	RR RR	00	RR RR
RR RR	PP	GG	EE	RR RR	RR RR	00	RR RR
RR RR	PP	GG	EE	RR RR	RR RR	00	RR RR
RR RR	PP	GG	GGGGGG	EEEEEEEEE	RR RR	000000	RR RR
RR RR	PP	GG	GGGGGG	EEEEEEEEE	RR RR	000000	RR RR

LL	IIIIII	SSSSSSSS
LL	IIIIII	SSSSSSSS
LL	II	SS
LLLLLLLL	IIIIII	SSSSSSSS
LLLLLLLL	IIIIII	SSSSSSSS

```
1 0001 0 MODULE RPG$ERROR( %TITLE,'Signal non-I/O errors'  
2 0002 0 IDENT = '1-002'          ! file: RPGERROR.B32 EDIT:DG1002  
3 0003 0 ) =  
4 0004 1 BEGIN  
5 0005 1  
6 0006 1 *****  
7 0007 1 *  
8 0008 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY  
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25 0025 1 *  
26 0026 1 *  
27 0027 1 *****  
28 0028 1  
29 0029 1  
30 0030 1  
31 0031 1 ++  
32 0032 1 FACILITY:    RPGII SUPPORT  
33 0033 1  
34 0034 1 ABSTRACT  
35 0035 1  
36 0036 1     Signals a variety of compiler-detected non-I/O errors.  
37 0037 1  
38 0038 1  
39 0039 1 ENVIRONMENT: Vax-11 User Mode  
40 0040 1  
41 0041 1 AUTHOR: Debess Grabazs, CREATION DATE: 18-JAN-1983  
42 0042 1  
43 0043 1 MODIFIED BY:  
44 0044 1  
45 0045 1     1-001 - Original. DG 18-JAN-1983  
46 0046 1     1-002 - Add support for optional FAO argument. DG 11-Jul-1983  
47 0047 1 !--  
48 0048 1  
49 0049 1 !<BLF/PAGE>
```

```
51      0050 1 %SBTTL 'Declarations'  
52      0051 1 '+'  
53      0052 1 ' PROLOGUE FILE:  
54      0053 1 '-'  
55      0054 1  
56      0055 1 REQUIRE 'RTLIN:RPGPROLOG';           ! Switches, PSECTs, macros,  
57      0120 1                                         . linkages and LIBRARYs  
58      0121 1  
59      0122 1 '+'  
60      0123 1 ' LINKAGES  
61      0124 1     NONE  
62      0125 1 '-'  
63      0126 1  
64      0127 1 '+'  
65      0128 1 ' TABLE OF CONTENTS:  
66      0129 1 '-'  
67      0130 1  
68      0131 1 FORWARD ROUTINE  
69      0132 1     RPG$ERROR : NOVALUE ;  
70      0133 1  
71      0134 1 '+'  
72      0135 1 ' INCLUDE FILES  
73      0136 1     NONE  
74      0137 1 '-'  
75      0138 1  
76      0139 1 '+'  
77      0140 1 ' MACROS  
78      0141 1     NONE  
79      0142 1 '-'  
80      0143 1  
81      0144 1 '+'  
82      0145 1 ' EQUATED SYMBOLS  
83      0146 1     NONE  
84      0147 1 '-'  
85      0148 1  
86      0149 1 '+'  
87      0150 1 ' EXTERNAL REFERENCES  
88      0151 1 '-'  
89      0152 1  
90      0153 1 EXTERNAL ROUTINE  
91      0154 1     LIB$STOP;           ! Stop execution via signalling  
92      0155 1
```

```
94 0156 1 %SBTTL 'RPG$ERROR - Signal non-I/O errors'  
95 0157 1 GLOBAL ROUTINE RPG$ERROR (   
96 0158 1           ERROR,  
97 0159 1           FAO  
98 0160 1           ): NOVALUE=          ! Condition value  
99 0161 1           ! Optional FAO parameter for message  
100 0162 1           ++  
101 0163 1           FUNCTIONAL DESCRIPTION  
102 0164 1  
103 0165 1           Signals a variety of compiler-detected non-I/O errors.  
104 0166 1  
105 0167 1           CALLING SEQUENCE:  
106 0168 1           CALL RPG$ERROR (error.rl.v [, fao.rl.v])  
107 0169 1  
108 0170 1  
109 0171 1           FORMAL PARAMETERS:  
110 0172 1  
111 0173 1           error      the condition value  
112 0174 1  
113 0175 1           fao        addition FAO parameter for message  
114 0176 1  
115 0177 1           IMPLICIT INPUTS:  
116 0178 1  
117 0179 1           NONE  
118 0180 1  
119 0181 1           IMPLICIT OUTPUTS:  
120 0182 1  
121 0183 1  
122 0184 1  
123 0185 1           COMPLETION CODES:  
124 0186 1  
125 0187 1  
126 0188 1  
127 0189 1           SIDE EFFECTS:  
128 0190 1  
129 0191 1  
130 0192 1  
131 0193 1           NONE  
132 0194 1           --  
133 0195 1           <BLF/PAGE>
```

```

135 0196 2 BEGIN
136 0197 2
137 0198 2 BUILTIN
138 0199 2 ACTUALCOUNT ;
139 0200 2
140 0201 2
141 0202 2 ;+ Signal the error
142 0203 2 ;-
143 0204 2 IF ACTUALCOUNT() GEQ 2
144 0205 2 THEN LIB$STOP (.ERROR, 1, .FAO)
145 0206 2 ELSE LIB$STOP (.ERROR);
146 0207 2
147 0208 1 END;

```

```

.TITLE RPG$ERROR Signal non-I/O errors
.IDENT \1-002\

```

```
.EXTRN LIB$STOP
```

```
.PSECT _RPG$CODE,NOWRT, SHR, PIC,2
```

52 00000000G	00 9E 00002	.ENTRY RPG\$ERROR, Save R2	0157
02	6C 91 00009	MOVAB LIB\$STOP, R2	0204
	0C 1F 0000C	CMPB (AP), #2	
	08 AC DD 0000E	BLSSU 1\$	0205
	01 DD 00011	PUSHL FAO	
	04 AC DD 00013	PUSHL #1	
62	03 FB 00016	PUSHL ERROR	
	04 00019	CALLS #3, LIB\$STOP	
	62 04 AC DD 0001A 1\$:	RET	
	01 FB 0001D	PUSHL ERROR	0206
	04 00020	CALLS #1, LIB\$STOP	
		RET	0208

```
: Routine Size: 33 bytes, Routine Base: _RPG$CODE + 0000
```

```
: 148 0209 1
: 149 0210 0 END ELUDOM
```

PSECT SUMMARY

Name	Bytes	Attributes
_RPG\$CODE	33	NOVEC,NOWRT, RD, EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

RPG\$ERROR
1-002

Signal non-I/O errors
RPG\$ERROR - Signal non-I/O errors

F 13
16-Sep-1984 02:14:21
14-Sep-1984 13:04:17

VAX-11 Bliss-32 V4.0-742
[RPGRTL.SRC]RPGERROR.B32;1

Page 5
(4)

R
1

File

File	-----	Symbols	-----	Pages	Processing
	Total	Loaded	Percent	Mapped	Time
-\$255\$DUA28:[SYSLIB]STARLET.L32;1	9776	0	0	581	00:01.0
-\$255\$DUA28:[RPGRTL.OBJ]RPGLIB.L32;1	54	0	0	9	00:00.1

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACE/LIS=LISS:RPGERROR/OBJ=OBJ\$:RPGERROR MSRC\$:RPGERROR/UPDATE=(ENH\$:RPGERROR)

Size: 33 code + 0 data bytes
Run Time: 00:03.0
Elapsed Time: 00:13.8
Lines/CPU Min: 4172
Lexemes/CPU-Min: 5086
Memory Used: 31 pages
Compilation Complete

0331 AH-BT13A-SE
VAX/VMS V4.0

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RMS0TRUNC
LIS

STARFLNM
LIS

RPGCUTPTO
LIS

RPGHANDLE
LIS

RPGMOVE1
LIS

RMSGBL
LIS

RPGRTL

RPGDSPLY
LIS

RPGRTL
MAP

RPGPROLOG
REQ

RPGEXTIND
LIS

RPGLIB
LIS

RMS0RCH
LIS

RMS0WAIT
LIS

RPGBTZ
LIS

RPGMOVE2
LIS

RMS0UPDAT
LIS

RPGDEF
REQ

RPGDIVIDE
LIS

RPGIOEXCE
LIS

RPGERROR
LIS